

## MISSISSIPPI STATE DEPARTMENT OF HEALTH

## BUREAU OF PUBLIC WATER SUPPLY

# CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

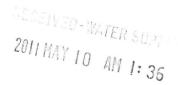
List PWS ID #s for all Water Systems Covered by this CCR

City of C-TENADA
Public Water Supply Name

The Fe confide must b	ederal Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consume ence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCF e mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
Please	Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other
	Date customers were informed: 1 / SENDING Oct JUNE - July Bells
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:  Date Mailed/Distributed:/ /
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: GRENADA 37AR
	Date Published: 5/17/2001 - 5-24-2011
	CCR was posted in public places. (Attach list of locations)
	Date Posted: 5/18/2011 City of GRENADA Billing of fice
	CCR was posted on a publicly accessible internet site at the address: www
<u>CERTI</u>	FICATION
consister Departm	certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is net with the water quality monitoring data provided to the public water system officials by the Mississippi State tent of Health, Bureau of Public Water Supply.
D) Name/1	Title (President, Mayor, Owner Jetc.)  OS-31-2011  Date
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

570 East Woodrow Wilson • Post Office Box 1700 • Jackson, Mississippi 39215-1700

## 2010 Annual Drinking Water Quality Report City of Grenada PWS#: 220003, 220004, 220005, 220007, 220036 & 220062 May 2011



We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Meridian Upper Wilcox, Middle Wilcox and Lower Wilcox Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the City of Grenada have received lower to higher susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Mark. W. Tilghman at 662-227-3415. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Monday of the month at 6:00 PM at City Hall.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

PWS ID#:02	220003		7	TEST RESUL	TS			-
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination

	Т	Tassat	10.10	1 4 00 0 40	0:4		. T	45	I =t
5. Gross Alpha	N	2008*	2.48	1.36 – 2.48	pCi/L		0	15	Erosion of natural deposits
6. Radium 226 Radium 228	N	2008* 2008*	.525 .783	.351525 .173783	pCi/1		0	5	Erosion of natural deposits
7. Uranium <sup>1</sup>	N	2008*	.004	.002004	μg/L	0		30'	Erosion of natural deposits
Inorganic	Conta	minants							
8. Arsenic	N	2008*	.56	No Range	ppb	n/a	a 1	from orchards	tural deposits; runoff s; runoff from glass cs production wastes
10. Barium	N	2008*	.162	.076 – .162	ppm		2		drilling wastes; m metal refineries; tural deposits
13. Chromium	N	2008*	.56	No Range	ppb	100	) 10		m steel and pulp of natural deposits
14. Copper	N	2010	.6	0	ppm	1,3	3 AL=1	systems; eros	nousehold plumbing sion of natural ching from wood
16. Fluoride	N	2008*	.119	No Range	ppm	•	4	additive which	tural deposits; water n promotes strong rge from fertilizer n factories
17. Lead	N	2010	2	0	ppb		) AL=1	Corrosion of l systems, eros deposits	household plumbing sion of natural
21. Selenium	N	2008	2.1	.5 – 2.1e	ppb	5	0 5	metal refineri	m petroleum and es; erosion of sits; discharge from
Disinfectio	n By-	Products							
Chlorine	N	2010	.91	.81- 2.67	ppm	0 M	DRL = 4	Water additive us	sed to control

PWS ID#: 2	220004			TEST RESUI	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic (	Contam	inants						
8. Arsenic	N	2008*	.392	.345392	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.021	.016021	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008*	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.135	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	.6	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Disinfection	n By-F	Product	S					
82. TTHM [Total trihalomethanes]	N	2008*	8.59	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	1.11	.90 – 1.25	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#: 2	220005			TEST RES	UL	ΓS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detec # of Sample Exceeding MCL/ACL	s	Unit Measure -ment	MCLG	i MCL	-	Likely Source of Contamination
Inorganic (	Contam	inants								
8. Arsenic	N	2008*	.29	.2829		ppb	n/	'a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.0257	.02220257		ppm		2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Disinfection 82. TTHM [Total			3.45 N	o Range	ppb	T	0	80		-product of drinking water orination.
trihalomethanes]										
Chlorine	Υ :	2010 1	.8	0 -7.03	ppm		0 N	/IDRL = 4	2 2(3	ater additive used to control crobes

Contaminant	Violation	Date	Level	Range of Detects or	TS Unit	MCLG	MCL	Likely Source of Contamination
Contaminant	Y/N	Collected	Detected	# of Samples Exceeding MCL/ACL	Measure -ment	WICLG	WICL	Likely Source of Contamination
Inorganic	Contami	inants						
8. Arsenic	N	2008*	.6	.56	ppb	n/a	10	Erosion of natural deposits; runof from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.050	.023050	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008*	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.21	.1721	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	1.3	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Volatile O	rganic C	ontamin	ants					
76. Xylenes	N	2010	.0005	No Range	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories

82. TTHM [Total trihalomethanes]	N	2008*	8.53	No Range	ppb		0	8	By-product of drinking water chlorination.
Chlorine	N	2010	.74	.7180	ppm	0	М	DRL = 4	Water additive used to control microbes

PWS ID#: 2	220036			TEST RESU	LTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL	or Unit Measure -ment	MCLG	B MCI	L	Likely Source of Contamination
Inorganic (	Contam	inants							
8. Arsenic	N	2008*	.8	No Range	ppb	n	/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.023	No Range	ppm		2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008*	.6	0	ppm	1	.3 AL=	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.15	.1415	ppm		4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	4	0	ppb		0 AL=	:15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	2.6	2.5 – 2.6	ppb		50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection	n By-Pı	roducts	×						
82. TTHM [Total trihalomethanes]	N	2010	30.38 N	lo Range p	pb	0	80	ch	r-product of drinking water lorination.
Chlorine	N	2010 .	95 .	70 – 1.2 p	pm	1 0	MDRL = 4		ater additive used to control icrobes

PWS ID#:	220062		'	TEST RESUL	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
8. Arsenic	N	2008*	.3	No Range	ppb	n/a	10	Erosion of natural deposits; runof from orchards; runoff from glass and electronics production waste:
10. Barium	N	2008*	.016	005016	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008*	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.13	.1213	ppm	4	4	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

82. TTHM [Total trihalomethanes]	N	2010	4.45	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	1.38	.90 – 3.32	ppm	0	MDRL = 4	Water additive used to control microbes

<sup>\*</sup> Most recent sample. No sample required for 2010.

#### Monitoring and reporting of compliance data violation

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. However on system # 220005 in January and October of 2010 we exceeded the MCL for chlorine. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels. complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

#### Significant Deficiencies:

#### System ID: 220003

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s):</u> Unprotected cross connections

<u>Corrective actions:</u> The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Inadequate security measures</u>

Corrective actions: The fence at the Westside plat has been secured by raising the ground level. Completed by 2/14/11.

#### System ID: 220004

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s):</u> Unprotected cross connections

<u>Corrective actions:</u> The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s):</u> Inadequate internal cleaning/maintenance of storage tanks

<u>Corrective actions:</u> The system has completed an inspection and is in a Bilateral Compliance Agreement with the Mississippi State Department of Health to sandblast and paint the tanks. All deficiencies are scheduled to be completed by 2/7/2014.

### System ID 220005:

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s):</u> Unprotected cross connections

<u>Corrective actions:</u> The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

#### System ID 220007:

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections</u>

<u>Corrective actions</u>: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s):</u> Inadequate internal cleaning/maintenance of storage tanks

<u>Corrective actions</u>: An inspection has been completed for this system and the system is in a Bilateral Compliance Agreement with the Mississippi State Department of Health to replace the pressure tank. All deficiencies are scheduled to be completed by 2/14/2011.

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s):</u> Failure to meet water supply demands (overloaded)

<u>Corrective actions:</u> The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to increase the source capacity. All deficiencies are scheduled to be completed by 2/7/2014.

#### System ID 220036:

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s):</u> Unprotected cross connections

<u>Corrective actions:</u> The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

#### System ID 220062:

<u>During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections</u>

<u>Corrective actions:</u> The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The City of Grenada works around the clock to provide top quality water to every tap. We have four certified operators on staff, who would be pleased to answer any and all customer questions. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

# 2010 Annual Drinking Water Quality Report City of Grenecia PWS#: 220003, 220004, 220005, 220007, 220036 & 220062 May 2011

while year's Annual Quality Water Report. This report is designed to inform you about overly day. Our constant goal is to provide you with a safe and dependable supply of designed with the make to continually improve the water freatment process and protect our water streams of your water. Our water source is from wells drawing from the Meridian Uppa

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In the life your drinking water according to Federal and State laws. This table below the weight of the period of January 1st to December 31st, 2010. In cases with the surface of land or underground in the surface of land or contaminants from the surface of land the surface of land gas productions, and wildlife; inorganic contaminants, such as saits and metats, which are operations, and wildlife; inorganic contaminants, such as saits and metats, which are operations, including synthetic and volatile organic chemicals, which are by-production, and can also come from gas stations and supplic systems; realisective contaminants and of oil end gas production and mining activities. In order to ensure that tap water is the amount of certain contaminants in water provided by public water systems, All do reasonably expected to contain at least small amounts of some constituents. It's constituents does not necessarily indicate that the water poses a health risk.

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contaminant which, if exceeded, triggers treatment or other requirements which a w

(MCL) the "Meximum Allowed" (MCL) is the highest level of a contaminant that is allowed to the MCLGs as feasible using the best available treatment technology.

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(MRDL) - The highest level of a disinfectant allowed in drinking water. There is

Goal (MRDLG) — The level of a drinking water disinfectant below which there is no a signat reflect the benefits of the use of disinfectants to control microbial contaminants.

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part er out part her billion corresponds to one minute to 2 000 years, or a single

, ar liter to a meast re of the radioacticity in water.

Male Tertori	level betror 1	Rin to of Detects or, # of Samples Exceeding I NOT ACL	Unit Measure -ment	MCLG	MCL	Likely Source	e of Contami
		1000		100	No. of the last		
Pyd ;	10.0			A SECTION	71.4 (m)	Sight.	7 (2) (1) (2) 2) (1) (3)
7,1	2.48	1.36 - 2.48	pCi/L	0	A. Gora	15	Erosion of n
7,11	2.48 .525 .783	1.36 - 2.48 .351 - 525 .173783	pCVL pCV1	0	ala della Canada Sala del	15	Erosion of n deposits Erosion of n deposits

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• 1	nwith the	STATE OF THE SE		With A		THE REPORT OF THE PARTY OF THE
	.56	No Range	ppb	n/a.	10	Erosion of natural deposits; r from orchards; runoff from gla and electronics production wa
	.162	.076162	ppm	2	2	Discharge of drilling wastes; discharge from metal refinerie erosion of natural deposits
	.56	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural depos
	.6		ppm	1.3	AL=1.3	Corrosion of household plumb systems; erosion of netural deposits; leaching from wood preservatives
	.119	No Range	ppm	. 4	4	Erosion of natural deposits; wa additive which promotes strong teeth; discharge from fertilizer and atuminum fectories
	2	0	ppb	0	AL≃15	Corrosion of household plumbin systems, erosion of natural deposits
-	2.1	.5 ~ 2.1e	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

.81-2.67	ppm	0	MDRL=4	Water additive used to control microbes
THE STATE	44 - 3 30 M/W	\$13.00 m	STATE AND IN	Large Date (Control of the Control
The state of the state of			14,00	作理。自己有限需量的 建宝宝工

#### TEST RESULTS

1	MCL/ACL	-ment	23/20/14	ARTHER.	ARTON STORY
356		4 60 00	Militar	THE PROPERTY	Cashfal Nobel o
.392	.345392	ppb	n/a	10 11683	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
101 	.016021	ppm (V)	2	, sp.).	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
1954× 12630×	Company of the compan	ppm Sp 35	1.3	, AL≈1,3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

82. TTHM	N :	2010	4,45	No Range	ppb	0	, true Mix	By-product of drinking water chlorination.
[Total trihalomethanes]	A 2000	क भारती	1.38	.90 3.32	ppm	enge ( a)	MORL = 4	Water additive used to control
Chlorine	N SHIM.	2010	中的建筑地址	quarter and take	200 200 200	Authorities and	Their Jadrahan	No contract of the contract of the

Property of the Annual Control of the Control of th

Most recent sample. No sample required for 2010.

Monitoring and reporting of compliance data violation
We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular mon are an indicator of whether or not our drinking water meets health standards. We did complete the mon requirements for bacteriological sampling that showed no coliform present. However on system # 220005 in Janua Cotober of 2010 we exceeded the MCL for chlorine. We have learned through our monitoring and testing that constituents have been detected however the EPA has determined that your water IS SAFE at these levels, compressions that the support of the end of the compliance per monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance per

#### Significant Deficiencies:

System ID: 220003

<u>During a sanitary survey conducted on 9/28/10, the Mississippl State Department of Health cited the following signeficiency(s):</u> Unprotected cross connections
<u>Corrective actions:</u> The system is under a Bilateral Compliance Agreement with the Mississippl State Department of to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scherologically by 27/2012.

be completed by 21/1/2012.

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significancy(s): Inadequate security measures

Corrective actions: The fence at the Westside plat has been secured by raising the ground level. Completed by 2/1

System ID: 220004

<u>During a sanitary survey conducted on 9/28/10, the Mississippl State Department of Health cited the following significancy(s):</u> Unprotected cross connections
<u>Corrective actions:</u> The system is under a Bilateral Compliance Agreement with the Mississippi State Department to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are schebe completed by 20/2012

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following s deficiency(s): Inadequate Internal cleaning/maintenance of storage tanks

Corrective actions: The system has completed an inspection and is in a Bilateral Compliance Agreement Mississippi State Department of Health to sandblast and paint the tanks. All deficiencies are scheduled to be compliance. 2/7/2014

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following

deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are so

be completed by 2/7/2012. During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following

deficiency(s): Unprotected cross connections

Or notive actions: The system is under a Bilateral Compliance Agreement with the Mississippl State Department to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are set to complete the work of identifying, testing and repairing all backflow prevention devices.

be completed by 2012/12.

Defining a sanitury survey conducted on 9/28/10, the Mississipal State Department of Health cited the following deficiency(s), the fequate Internal cleaning/maintenance of storage tanks Corrective, actions; An inspection has been completed for this system and the system is in a Bilateral Corrective, actions; An inspection has been completed for this system and the system is in a Bilateral Corrective, actions; An inspection has been completed for this system and the system is in a Bilateral Corrective, actions; All deficiencies are specified by 2/34/2014.

During a sanitary survey conducted on 9/28/10, the Mississ ppl State Department of Health cited Size following purpose of the sanitary survey conducted on 9/28/10, the Mississ ppl State Department of Health cited Size following deficience (S., Frilure to meet water supply demands (overloaded)

Corne five actions: The system is under a Bilateral Compliance Agreement with the Mississippl State Department to increase the source capacity. All deficiencies are scheduled to be completed by 2/7/2014.

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are the completed by 277/2012.

During a sanitary survey conducted on 9/29/10, the Mississippi State Department of Health cited the following a sanitary survey conducted on 9/29/10, the Mississippi State Department of Health cited the following deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are be completed by 2/7/2012.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and yr Lead in drinking water is primarily from materials and components associated with service lines and home yr Water Association is responsible for providing high quality drinking water, but cannot control the variety of in plumbing components. When your water has been sitting for several hours, you can minimize the pot exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you apout lead in your water, you may wish to have your water tested. Information on lead in drinking water, the about lead in your water, you may wish to have your water tested. Information on lead in drinking water, the and steps you can take to minimize exposure is available from the Safe Drinking Water I and steps you can take to minimize exposure is available from the Safe Drinking Water I this. I was a step of the safe of th

All sources of drinking water are subject to potential contamination by substances that are naturally occur made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All including bottled water, may reasonably be expected to contain at least small amounts of some contaminants does not necessarily indicate that the water poses a health risk. More information and potential health effects can be obtained by calling the Environmental Protection Agency of the provided Health effects and potential health effects can be obtained by calling the Environmental Protection Agency of the provided Health effects and potential health effects can be obtained by calling the Environmental Protection Agency of the provided Health effects and potential health effects can be obtained by calling the Environmental Protection Agency of the provided Health effects and potential health effects can be obtained by calling the Environmental Protection Agency of the provided Health effects are provided Health effects and potential health effects are provided Health effects and potential health effects are provided Health effects and potential health effects are provided Health effects are provided Health effects are provided Health effects and potential health effects are provided Healt Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general popular compromised persons such as persons with cancer undergoing chemotherapy, persons who have un transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be perform infections. These people should seek advice about drinking water from their health care providing under the property of the property of the provided of the provided in the property of the provided in the people should seek advice about drinking water from their health care providing under the provided in the

The City of Grenada works around the clock to provide top quality water to every tap. We have four certification who would be pleased to answer any and all customer questions. We ask that all our customers he water sources, which are the heart of our community, our way of life and our children's future.

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Publish: 5/17,24/2011

In J. Still by Mark on the Control of the Control o										
Disinfection	n Bv-	Produc	ts .	in Harrist C	H.A.			10 10 x 100		
82. TTHM [Total trihalomethanes]	N	2008*	8.59	No Range	ppb	0	80	By-product of drinking wate chlorination.		
	N.	2010	1.11	.90 ~ 1.25	ppm	0	MDRL = 4	the contract of social engineering		

Contaminant	Violation Y/N	Date Collected	Detected	# of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLC		Likely Source of Contemination
Inorganic	Contam	inants		* 8 9 2 5 5 5	Alexander	·	·	- N-2 (1910) 1911 1911 1911
8. Arsenic	N	2008*	.29	.2829	ppb	n/	'a	Erosion of natural deposits; run from orchards; runoff from glass and electronics production wast
TO. Dellois	I'v	2008*	.0257	.02220257	ppm		2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Disinfectio	n By-Pr	oducts			i de la companya de l			111111111111111111111111111111
82, TTHM [Total trihalomethanes]	N 2	2008* 13.	45 No	Range ppb		0	80	By-product of drinking water chlorination.
Ohlorine	Y 2	010 1.4	1 .8	0 -7.03 ppm	7	0 M	DRL=4	Water additive used to control microbes

PWS ID#:				TEST RESUL	13			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit . Measure -ment	MCLG	MCL ,	Likely Source of Contamination
Inorganic (	Contam	inants						1
8. Arsenic	N	2008*	.6	.56	ppb	n/a	10	Erosion of natural deposits; runof from orchards; runoff from glass and electronics production wasted
14. Copper	N	2008*	.050	.023050	ppm	2	. 2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
			.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood
16. Fluoride	N	2008*	.21	.1721	ppm	4	, 4	preservatives Erosion of natural deposits; water additive which promotes strong feeth; discharge from fertilizer and aluminum factories
21. Selenium	N	2008*			ppb	0	AL≖15	Corresion of household plumbing systems, erosion of natural deposits
**************************************	(Main) (Main)	21/08*	1.3	No Ranga	pob	60	.50	Discharge from petrolaum and matural deposits; discharge from mines
Volatile Org	anic C	ontamin	ants				1000	
6. Xylenes Disinfection	N 1	2010	-	No Range	ppm	10	2 1 15 15	Discherge from petroleum factories; discherge from chomical factories

82. TTHM [Total	N	20094	8.53	No Range	ppb	T 01	80 By-product of drinking water
trihalomethanes]	-	-	-		h 4140		chlorination.
OTHOTHING	1 14	2010	1.74	.7180	ppm -		4   Water additive used to control microtuse

PWS ID#	: 220036	figur.	i sa iA	TEST RESU	LTS			
Contaminant	Violation Y/N	Collected	Level Detected	Range of Detects o		MCLG	MCL	Likely Source of Contamination
Inorganic	Contan	inants		T. INGUAGE		L	L	1
8. Arsenic	N	2008*	8.	No Range	ppb	n/a	10	Erosion of natural deposits; runor from orchards; runoff from glass
10. Barium	N	2008*	.023	No Range	-			and electronics production waste
14. Copper	N	2008*			ppm	. 2	. 2	Discharge of drilling wastes; discharge from metal refine rice:
		2008	.6	0	ppm	1.3	AL=1.3	erosion of natural deposits  Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood
6. Fluoride	N	2008*	.15	.1415	ppm	-	1000	1 preservatives
		15.45	EV.		Part	1	1111	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer
7. Lead	N	2008*	4	0	ppb .		Teach.	and aluminum factories
1. Selenium	N		•		PAD	0	AL=15	Corrosion of household plumbing systems, erosion of natural
		2008*	2.6	2.5 2.6	ppb	50	50	deposits  Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection 1	n By-Pro	ducts	THE A VICTOR				HAMES	THREE
2. TTHM	******	10 30	38 14	and the same of the same	一、二、農業	Allow i	<b>建計算信息</b>	
otal halomethanes]		d V	., 140	Range ppb	200	2004	80 By	product of drinking water orination.
Norine	N 20	1095	70	-1.2 ppm	2000		500 1	ALL MANAGEMENT OF THE PROPERTY

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PWS ID#:	Violation	7	90 12 2 3 10 10	TEST RESU					
	Y/N	Date Collected	Detected Detected	Exceeding	Unit Messure -ment	MCLG	MCL	Likely Source of Contamination	
Inorganic	Contam	inants	1. 7 K CW 7 A	MCL/ACL .	L.,	7.0.5	1938.55	The second of th	
8. Arsenic	N	2008°	.3	No Range	199	Well to	4	<b>发展的工程的</b> 由于经验	
		12-11		A Carda	ppb	n/a	10	Erosion of natural deposits; runof	
10. Barium	Number	2008*	.016	005016	Dana	CONTRACT.	能更多。	from orchards; runoff from glass and electronics production wastes	
	FEMILE	3000		多维护的特征	ppm	2	SURFEE S. 6.	Discharge of draing wastes	
14. Copper	N A SALA	2008*	4	A District Control of the Control of	07,100	A SALE	District Control	discharge from metal refineries;	

ACCOUNT NUMBER	DATE BILL MAILED
(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(	5/35/3011
PRESENT READING	SERVICE FROM
SMCC 4576MA	4/1878901
PREVIOUS READING	SERVICE TO
(3975) 49 <b>.399</b> )	5/11/2011
UNITS USED	DAYS USED
) \(\mathbb{\text{MA}}) \(\text{\text{i}}\)	( n(
DESCRIPTION	AMOUNT
Service/Nation Service/Sever	\$/. ዓ የቴ. ኒቲ
CURRENT BILL DUE DA	TE AMOUNT DUE BY DUE DATE
	Mit 73.5

RETURN THIS STUB WITH PAYMENT TO:

CITY OF GRENADA-WATER DEPARTMENT

116 S. MAIN STREET

GRENADA, MS 38901

(662) 227-3400

FIRST-CLASS MAIL U.S. POSTAGE PAID GRENADA, MS PERMIT #1

ACCOUNT NUMBER	DUE DATE	AMOUNT DUE AFTER DUE DATE	AMOUNT DUE BY DUE DATE
MUNICIPAL CONTRACTOR	6/30/2011	78.54	73.54

CUT DEF WOLL SEGON S S A.M. DERSONY, JUNE 16, 2011!!!
HAVE A SAFE & HARMY MEMORIAL DAY!!!

RETURN SERVICE REQUESTED 2010 CCR ON FILE AT OFFICE

CITY OF GRENADA #3 FTRE STATION P.O. BOX 310 GRENADA, MS 38901

SERVICE ADDRESS:

公公 (: (1mm-R))

78.54

KEEP THIS STUB

AMOUNT DUE AFTER DUE DATE

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